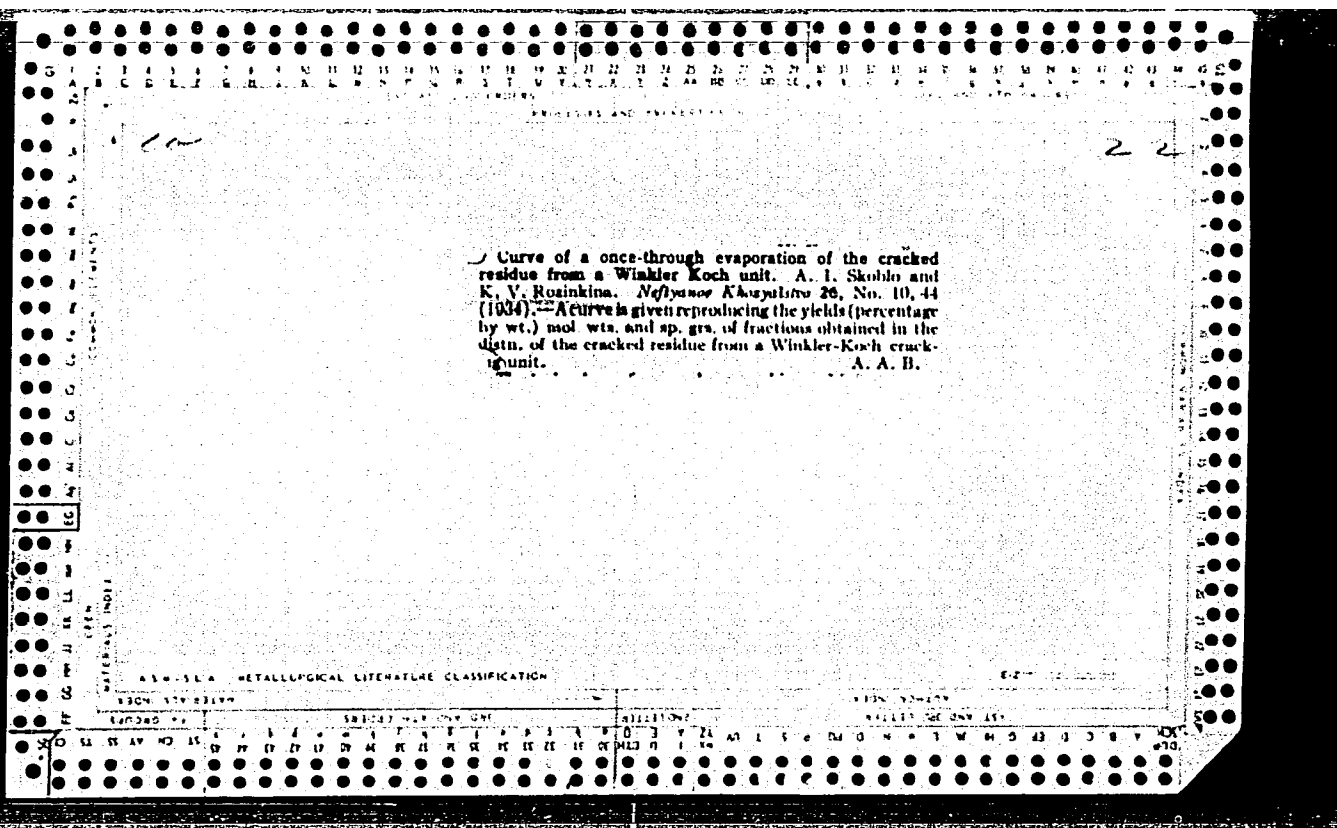




PROCEDURES AND PROPERTIES INDEX																									
1ST AND 2ND COLUMNS													3RD AND 4TH COLUMNS												
<i>ca</i> 22 The efficiency of the mud separator in the Grosny plants. I. A. Skripnik and K. V. Rozinkina. <i>Nefyanaya Prom.</i> 22, No. 5, 65-76(1941); <i>CAChem. Zentr.</i> 1943, 11, 704. Attempts to sep. the drilling mud from the crude oils of different fields in the refineries in Grosny are discussed. Only 30-40% of the original water is removed; 0.4 to 1% by wt. of water remains in the crude. The cause for this is seen in the insufficient heating of the crude and in the rela- tively high rates of flow in the settling tanks (3-8 mm./ sec.). A. K. Esterer																									
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND COLUMNS																									
3RD AND 4TH COLUMNS																									

KAGAN, N.Ya.; SHENKER, B.Z.; Prinimali uchastiye: FISHKIN, Ye.L., inzh.;
REVZIN, A.Z., inzh.; ROZINKINA, L.N., inzh.

Selection of pattern equipment material in individual and small
batch production. Lit. proizv. no.12:1-4 D '64.

(MIRA 18:3)

ROZINOER, S.T., red.; LARIONOV, G.Ye., tekhn. red.

[Using hydromechanical means in earthworks and open-pit mining, materials] Gidromekhanizatsiia zemlianykh i otkrytykh rabot; materialy. Moskva, Gos.energ.izd-vo, 1961. 222 p.
(MIRA 15:2)

1. Mezhdedomstvennoye soveshchaniye po nauchnym problemam v oblasti gidromekhanizatsii zemlyanykh i otkrytykh gornykh rabot, Moscow, 1959.

(Hydraulic mining)

ZUSMAN, V.G.; ROZINOV, A.G.

Ferrotransistor pulse devices used in machine tools with numerical
control. Stan. i instr. 32 no.4:3-9 Ap '61. (MIRA 14:3)
(Machine tools—Numerical control)
(Electronic control)

27141

S/121/61/000/004/001/008
D040/D113

1-7000

AUTHORS: Zusman, V. G., and Rozinov, A. G.

TITLE: Electronic pulse ferrotransistor devices in numerically-controlled machine tools

PERIODICAL: Stanki i instrument, no. 4, 1961, 3-9

TEXT: This article deals with investigations conducted at ENIMS on the possibility of using ferrite cores in numerically-controlled machine tools. The operating principle of ferrite elements and various arrangements are described, and recommendations are given as to the selection of basic parameters such as numbers of winding turns, load impedance, etc. A ferrotransistor cell is shown in a photograph, and its circuit which is used for different control system combinations (Fig. 3), is described in detail. Its ferrite functions as a memory unit, and the triode as a pulse amplifier. The output pulse cannot be shorter than 1.5-2.0 μ sec and may be prolonged to 3.5-4.5 μ sec, by using more turns in the basic winding. The following numerical control system units with such ferrotransistors are described and illustrated in circuit diagrams: a binary frequency divider; a dual-input coincidence circuit; a rectifier; collector circuits with two and with one

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27141

S/121/61/000/004/001/008

D040/D113

Electronic pulse ferrotransistor...

ferrotransistor; a permissive circuit; a dynamic valve as a memory cell; a delay circuit; a decade code divider; a synchronizing circuit for matching signals received from pickups or from the program with timing pulses. Two circuit diagrams illustrate two types of ferrotransistor cells developed by ENIMS, which are now serially produced in the Soviet industry. Ferrotransistorized circuits have been preliminarily tested and stated to be considerably more dependable than the existing tube and semiconductor circuits. No special selection is needed to match transistors with ferrites, and this facilitates the adjustments. ENIMS has by now completed some ferrotransistorized arrangements and used them for an ЛКП-0ИФ (LKP-OIF) code converter and a 6М42ПМ (6M42PM) machine tool. Some previously developed numerical control systems will be replaced by them. There are 17 figures and 5 Soviet references.

Card 2/3

ZUSMAN, V.G.; ROZINOV, A.G.

Pulse electronic devices used in machine tools with numerical control.
Stan.i instr. 32 no.3:1-5 Mr '61. (MIRA 14:3)
(Machine tools—Numerical control) (Pulse techniques(Electronics))

S/121/61/000/003/001/006
D040/D112

AUTHORS: Zusman, V. G., and Rozinov, A. G.
TITLE: Electronic pulse devices in numerically controlled machine tools
PERIODICAL: Stanki i instrument, no.3, 1961, 1-5

TEXT: A description is given of elements and component units of numerical machine-tool-control systems, developed during recent years at the electro-technical department of ENIMS and built around electron tubes, transistors and ferrites. They have been used for control systems of 6H13PP (6N13PR) and 6M42P (6M42P) milling machines, 1K62P (1K62P) and MA-12 (MA-12) lathes, an LKP-01-F (LKP-01-F) code converter for recording a program on magnetic tape and other devices. The design and operation of the devices are described in detail and illustrated with diagrams. The units have passed prolonged laboratory tests. The following units are described: (1) a one-stage tube pulse amplifier, the simplest elementary unit around which all the other units can be built. It is also widely used as an independent amplifier for pulse voltage, current, or power, and can either

Card 1/2

Electronic pulse devices

S/121/61/000/003/001/006
D040/D112

preserve or change the pulse shape on its output; (2) a binary counting cell trigger with two tube triodes and either two separate or one common input. The trigger counts up to 2; if more pulses have to be counted several series-connected cells are used. It can also be used as a frequency divider and has a neon tube that helps in tuning and fault finding; (3) a pulse shaper (single flip-flop oscillator), which can also be used as a temporary pulse delay element; (4) a coincidence circuit and a connection circuit with germanium or silicon rectifiers as diodes, or with electron tubes instead; (5) a one-stage transistor amplifier with grounded emitter; (6) a transistor trigger (two-stage d.c. amplifier) with strong feedback; (7) a transistor single flip-flop oscillator; (8) transistorized coincidence and connection circuits; (9) switching output amplifiers. A control system with electron tubes in the trigger circuits and linear transistors for all the other elements was successfully used by ENIMS in a code converter, though such systems are comparatively complex and are not quite so reliable due to the need for special matching arrangements. There are 15 figures.

Card 2/2

KHARIDOMINOV, I.V., doktor tekhn. nauk, prof.; ZILMAN, V.G.,
kand. tekhn. nauk, retsenzent; ROZINOV, A.G., inzh.,
retsenzent; MIKHAIL, G.K., inzh., red.

[Electrical equipment and automatic control of machine
tools] Elektrooborudovanie i elektroavtomatika metallo-
rezhushchikh stankov. Izd.3., perer. Moskva, Mashino-
stroenie, 1967. 327 p. (MIRA 18:2)

ROZINOV, Arnold Yakovlevich; FITYAVSKIY, G.S., inzh., retsantent;
DRAGUNOV, L.F., nauchn. red.; NIKITINA, R.D., red.

[Riveting ship structures made of aluminum alloys] Klepka sudovykh splavov. Leningrad, Sudostroenie, 1964. 167 p.
(MIRA 18:3)

TROP, A.Ye.; ROZINOV, B.A., redaktor; RYKOV, N.A., redaktor.

[Automatic control by electric drive and mechanical devices in coal-enriching factories] Avtomaticheskoe upravlenie elektropri-
vodom i mekhanizmami na ugleobogatitel'nykh fabrikakh. Moskva,
Ugletekhizdat, 1953. 151 p. (MLRA 7:8)
(Automatic control) (Coal handling machinery)

ROZINOV, M.I.

Structural and petrographic characteristics of the Lukinda
gabbroid massif. Trudy VSEGEI 73:155-163 '62. (MIRA 15:9)
(Chernyshev Ridge—Gabbro)

ROZINOV, M.I.

Characteristics of the Osinovka intrusion (western Transbaikalia).

Izv. AN SSSR. Ser. geol. 30 no. 10:126-131 0 '65.

(MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut,
Leningrad. Submitted June 19, 1964.

TIKHOMIROV, N.I.; KOZUBOVA, L.A.; TIKHOMIROV, I.N.; KAZITSYN, Yu.V.;
KHARKEVICH, D.S.; PANOV, Ye.N.; RUDAKOVA, Zh.N.; PAVLOVA,
V.V.; ROZINOV, M.I.; ALEKSANDROV, G.V.; SHATKOV, G.A.;
SOLOV'YEV, N.S.

[Intrusive complexes of Transbaikalia] Intruzivnye komplekxy
Zabaikal'ia. [By] N.I.Tikhomirov i dr. Moskva, Izd-vo
"Nedra," 1964. 214 p. (MIRA 17:7)

SHCHEGLOV, A.D.; ROZINOV, M.I.

Relation between the fluorite deposits and intrusive rocks
of western Transbaikalia. Dokl. AN SSSR 139 no.5:1201-1204
Ag. '61. (MIRA 14:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
Predstavleno akademikom D.I. Shcherbakovym.
(Transbaikalia—Fluorite)
(Rocks, Igenous)

ROZINOV, M.V.

Expert-evidence value of the impact impression in injuries
from self-made weapons. Sud.-med. eksp. 8 no.3:50-52 J1-S '65.
(MIRA 18:9)

1. Moskovskoye gorodskoye byuro sudebno-meditsinskoy ekspertizy
(nachal'nik L.S. Velisheva).

ROZINOV, Ya.G.

Experience in the organization of a pulmonary surgical center
at province tuberculosis sanatorium. Probl. tub. 40 no.6:
71-73 '62 (MIRA 16:12)

1. Iz Novocherkasskogo oblastnogo tuberkuleznogo sanatoriya
(glavnyy vrach Ya.G.Rozinov).

PORTNOY, L.M.; ROZINOV, Ya.G.

X-ray diagnosis of bronchial adenoma. Vest. rent. i rad. 40
no.3:54-56 My-Je '65. (MIRA 18:7)

1. Rostovskiy-na-Donu oblastnoy legochno-khirurgicheskiy sanatoriy,
Novocherkassk.

R o z i n o v a N. S

USSR/Thermodynamics - Thermochemistry. Equilibria.
Physical-Chemical Analysis. Phase Transitions.

B-8

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18498

Author : G.V. Samsonov, N.S. Rozinova.

Inst : Institute of Organic and Inorganic Chemistry of Academy
of Sciences of USSR.

Title : Some Physical-Chemical Properties of Zirconium and Carbon
Alloys.

Orig Pub : Izv. Sektora fiz.-khim. analiza IONKh AN SSSR, 1956, 27,
126-132

Abstract : It was established on the basis of roentgenographic and
metallographic research and the study of the microhard-
ness and electric conductivity of Zr and C alloys that
the alloys containing 0.64 to 3.12% of C by weight were
two-phase alloys. The basic (hexagonal) phase is a so-
lid solution of C in Zr, and the second (cubic) phase is
a Zr carbide. Alloys containing 3.50 to 11.62% of C by

Card 1/2

- 179 -

MEDVEDEV, B.A.; ROZINOYER, A.I.

Overall mechanization of box car repair in the repair shops. Zhsl.
dor. transp. 47 no.3:45-49 Mr '65. (MIRA 18:5)

1. Nachal'nik vagonnoy sluzhby Donetskoy dorogi, stantsiya
Ilovayskaya (for Medvedev). 2. Glavnyy inzh. vagonnogo depo
Ilovayskoye, stantsiya Ilovayskaya (for Rozinoyer).

OSAULENKO, P.L., gornyy inzh.; ROZINOYER, B.L., gornyy inzh.; ABAKUMOV, R.A.,
gornyy inzh.; PAPKOV, A.V., gornyy inzh.

Practice of charging upward holes in the Kirov apatite mine. Gor.
zhur. no.3:63-64 Mr '63. (MIRA 16:4)

1. Nauchno-issledovatel'skaya laboratoriya kombinata "Apatit", g.
Kirovsk.

LITVINOV, I.D., gornyy inzh. [deceased]; VLASOV, G.Yu., gornyy inzh.;
OSAULENKO, P.L., gornyy inzh.; ROZINOYER, B.L., gornyy inzh.

Development of breaking methods in mines of the "Apatit"
Combine. Gor. zhur. no.11:3-7 N '63. (MIRA 17:6)

1. Kombinat "Apatit."

OSAULENKO, P.L., gornyy inzh.; ROZINOYER, B.L., gornyy inzh.;
SUKHODREV, V.M., gornyy inzh.

Practice of upward drilling of holes in the Kirov apatite
mine. Gor. zhur. no.7:29-31 J1 '63. (MIRA 16:8)

1. Kombinat "Apatit".

ROZINOYER, B.L., gornyy inzhener

Effect of the volume of free space on the shattering of ore
in blasting. Vzryv. delo no. 50/7:141-147 '62. (MIRA 15:9)

1. Kombinat "Apatit".

(Blasting)
(Mining engineering)

ROZINOYER, I.M.

Some data on the hydrochemical regime of recently flooded ponds
in Voronezh Province. Gidrokhim. mat. 30:84-95 '60.

(MIRA 13:9)

1. Kafedra khimii Voronezhskogo Zootetnstitutu, Voronezh.
(Voronezh Province--Farm ponds) (Water--Composition)

LOPATIN, N.A., inzh.; KOGNOVITSKAYA, O.S., inzh.; BULGAKOV, M.I.,
inzh.; DEVLIKAMOV, A.G., inzh.; PLATONOV, V.A., inzh.,
retsenzent; ROZINOV, S.T., inzh., nauchnyy red.;
NEPOROZHNYAYA, G.P., red.; SOKOL'SKIY, I.F., tekhn.red.

[Hydraulic mechanization in the construction of the Volga
Hydroelectric Power Station (22d Congress of the CPSU)]
Gidromekhanizatsiia na stroitel'stve Volzhskoi GES im.
XXII s"ezda KPSS. Moskva, Gidroproekt, 1962. 172 p.
(MIRA 16:6)

(Volga Hydroelectric Power Station (22d Congress of the CPSU))
(Hydraulic machinery)

ROZINOYER, S.T., inzh.

Earthwork accomplished by hydromechanical methods. Energ.stroi.
no.5:105-117 '58. (MIRA 12:5)

1. Nachal'nik sektora proyektroy kontory tresta "Gidromekhanizat-
siya."
(Volga Hydroelectric Power Station--Earthwork)

ROZINOYER, S.T., inzh.

Earthmoving equipment. Mekh.stroi. 16 no.2:28-32 F '59.
(MIRA 12:2)

(Earthmoving machinery)

VOLNIN, Boris Aleksandrovich; ROZINOYER, S.T., red.

[Technology of hydraulic machinery in hydraulic construction] Tekhnologiya gidromekhanizatsii v gidro-
tekhnicheskom stroitel'stve. Moskva, Energiia, 1965.
199 p. (MIRA 18:2)

ROZINSKAYA, I.O.; ZAKHARINA, R.O., inzh.

Dyeing of nylon-cotton blend hosiery. Tekst.prom. 25 no.11:72-73
N '65. (MIRA 18:12)

1. Nachal'nik khimicheskoy laboratorii Gomel'skoy chulochno-trikotazhnoy fabriki imeni 8-ye marta (for Rozinskaya).
2. Laboratoriya Gomel'skoy chulochno-trikotazhnoy fabriki imeni 8-ye marta (for Zakharina).

MANILOV, A.M., inzh.; MASLYANIK, V.V., inzh.; ROZINSKIY, D.I., inzh.

Blocking of disconnecting switches and separators in substations
without cutouts at the higher voltage ends. Energ. i elektrotekh.
prom. no.4:35-37 O-D '65. (MIRA 19:1)

ROZINSKIY, Sh.A.

Using ratindan against rats. Zashch. rast. ot vred. i bol. 9
no.10:22-23 '64 (MIRA 18:1)

1. Direktor Moldavskoy stantsii zashchity rasteniy, selo
Durlashty, Novoanenskogo rayona.

ROZITE, V. Ya.

On the problem of polyposis of the stomach. Vop. klin. lech. zlok. novoobraz. 7:187-193 '61.

1. Klinika fakul'tetskoy khirurgii (zav. dots. E. T. Ezeriyetis)
Rizhskogo meditsinskogo instituta (dir. prof. V. A. Kal'berg)

(STOMACH NEOPLASMS) (POLYPI)

ROZLIK, G.I., inzh.

Substantiating the shape of developments used in designing uppers of shoes made by single process forming. Izv. vys. ucheb. zav.;
tekh. leg. prom. no.3:75-81 '58. (MIRA 11:10)

1. Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti.
(Shoe manufacture)

ROZLOVSKIY, A.I.

Determination of the concept of activation and its dependence on temperature. Dokl.Azerb.SSR 10 no.1:11-13 '54. (MLRA 7:7)

1. Institut fiziki i matematiki Akademii nauk Azerbaydzhanskoy SSR. Predstavleno deystvitel'nym chlenom Akademii nauk Azerbaydzhanskoy SSR Yu.G.Mamedaliyevym.
(Molecular dynamics)

PROCESSING AND PROPERTIES INDEX																									
COMMON ELEMENTS													VARIABLES INDEX												
OPEN													CLOSED												
METALLURGICAL LITERATURE CLASSIFICATION													E-2												
SIGNATURE													SIGNATURE												
SIGNATURE													SIGNATURE												
CP Soft and Armon-type irons. A Rozinkov. Novosti Tekhniki 1936, No. 37-38, 6-7. Steel of a chem. compn. Fe 99.68, C 0.08, Mn 0.23, SO. 025 and PO. 014%, was prepd. by allowing a liquid steel to pass through an acid slag and expt. was carried out in an open-hearth furnace of 50 tons capacity. An acid slag was prepd. in the acid open-hearth furnace. The amt. of acid slag in the ladle was 3-3.5 tons. The intervals between the discharges of an acid slag and those of steel were not more than 5-7 min. An acid slag oxidized Mn, added to the steel before its discharge from the furnace (0.2%) and that contained in the steel itself (25%). In spite of the low content of Mn, the steel in molds boiled for 20-25 min. The evolution of gases dissolved in steel was promoted by passing steel through an acid slag. The method will be applied in the prepn. of the Armon type steel. A. A. Pivovarov																									

NAYDIS, V.A.; ROZINOV, A.G.; ROZMAN, Ya.B.

Electric feed drives with magnetic and semiconductor amplifiers
used in machine tools. Stan.1 instr. 28 no.6:7-10 Ja '57.

(MLRA 10:8)

(Machine tools--Electric driving)

ROZINOV, A.G.

AUTHOR: MAYDIS, V.A., ROZINOV, A.G., ROZMAN, Ya.B. PA - 3611
 TITLE: Electric Drive of Machine Tool Feed with Magnetic- and Semiconductor Amplifiers. (Elektroprivody podachi stankov s magnitnymi i poluprovodnikovymi usilitelyami, Russian)
 PERIODICAL: Stanki i Instrument, 1957, Vol 28, Nr 6, pp 7 - 10 (U.S.S.R.)
 ABSTRACT: In the drives of machine tool feeds electric direct current motors are at present frequently used the revolutions of which can be reduced to 1 : 50 and more of the normal number by a change of amperage by means of a transformer. However, a rotating transformer is very expensive, takes up much room, and causes a considerable amount of notice. These disadvantages are particularly marked in the case of machines of medium size where the main drive is effected by means of alternating current and the transformer is the only one used. A simple and reliable electric drive is obtained by means of a direct current motor with a magnetic amplifier, a type which is being used with great success in the U.S.S.R. and in other countries. It costs about half as much, it is more simple and has no rotating parts. The development of the production of semiconductor triodes and the increase of their efficiency up to 10 - 30 W make it possible to use them with success in connection with magnetic amplifiers within the system of controllable electric devices. The testing of such an electric drive on the test bench is de-

Card 1/2

Electric Drive of Machine Tool Feed with Magnetic- and
Semiconductor Amplifiers. PA - 3611

scribed (with illustrations). In the conclusion, the possibility
of making wide use of this new drive in the electric circuits
of the electric feed of metalworking machines is discussed.

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 2/2

SOV/122-58-5-12/26

AUTHORS: Yelovkov, Yu.I., Engineer and Rozinov, A.Ya., Engineer

TITLE: The Performance of Cantilever Rams in Bending Steel Sheets
(Rabota konsol'nykh puansonov pri gibke listov stali)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 5,
pp 51 - 54 (USSR):

ABSTRACT: A centrally-supported, two-wing cantilever ram of welded construction, 900 mm long and 255 mm deep, in the centre, with a flat bottom and sloping top is illustrated in Figure 1. Rams of this type were tested for deformation under load by compressing soft copper plates placed at different positions. The deformations at 50, 100 and 150 tons are shown in Figure 2. The distribution of load for the same total load is shown in Figure 4 and the calculated stresses in Figure 5. An analysis of the ram structure is carried out under certain assumptions about load distribution. The analysis yields the required maximum cross-section which does not greatly depend on the assumptions made. These tests and analysis form the basis for designing cantilever rams in sheet-bending machines.

Card 1/2

SOV/122-58-5-12/26

The Performance of Cantilever Rams in Bending Steel Sheets

There are 7 figures, 1 table and 4 references, 2 of which are Soviet, 1 German and 1 English.

Card 2/2 1. Presses--Performance 2. Presses--Design

Resumé A. Ya.
YELOVKOV, Yu. I., inzh.; ROZINOV, A. Ya., inzh.

Performance of bracket punches in bending steel sheets. Vest. mash.
38 no. 5:51-54 My '58. (MIRA 11:5)
(Sheet metal) (Punches)

ROZINOV, M.V.; SHURAN, N.M.

Rare case of natural mummification of a corpse. Sud.-med. ekspert.
6 no.2:48-51 Ap-Je'63. (MIRA 16:7)

1. Byuro sudebnomeditsinskoy ekspertizy (nachal'nik L.S.Velisheva)
Moskovskogo gorodskogo otdela zdravookhraneniya.
(MEDICAL JURISPRUDENCE) (MUMMIES)

ROZINOV, M.V.

Use of X-rays for the identification of the personality of skeletonized corpses. Sud.-med.ekspert. 2 no.4:56-58 O-D '59. (MIRA 13:5)

1. Byuro sudebnomeditsinskoy ekspertizy (nachal'nik L.S. Velisheva)
Moskovskogo gorodskogo otдела zdravookhraneniya.
(CRIMINAL INVESTIGATION) (X RAYS)

ROZINOV, Ya.

On the mechanization of entries in the disbursement and receipts journal. Den.i kred. 18 no.7:65-66 J1 '60.
(MIRA 13:7)

1. Glavnyy bukhgalter gorupravleniya Zhitomirskoy kontory Gosbanka.

(Zhitomir--Banks and banking--Accounting)

(Zhitomir--Machine accounting)

ROZINOV, Ya.G.

Experience with surgery in pulmonary tuberculosis in a province
sanatorium [with summary in French]. Probl.tub. 35 no.4:47-52
'57. (MIRA 10:8)

1. Iz Novoherkasskogo tuberkuleznogo santariya Rostovskoy oblasti
(TUBERCULOSIS, PULMONARY, surg.
statist. in regional sanatorium (Rus))

ROZINOVA, N.N. (Moskva)

Carrying out injections in a children's hospital. Med. sestra 20
no.3:38-39 Mr '61. (MIRA 14:5)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo
instituta Ministerstva zdravookhraneniya RSFSR.
(INJECTIONS, HYPODERMIC)

SHAPIRO, A.D.; ROZINOVA, S.G.

Fiber-particle boards. Der.prom. 11 no.3:6-8 Mr '62.
(MIRA 15:2)
(Hardboard)

ROZINOYER, B.L., gornyy inzh.; BARON, L.I., prof., doktor tekhn. nauk

Analysis of the crushing of ore in multirow blasting in the
subterranean conditions of the S.M. Kirov apatite mine.
(MIRA 16:8)
Veryv. delo no.53/10:217-221 '63.

1. Nauchno-issledovatel'skaya laboratoriya kombinata "Apatit"
(for Rozinoyer). 2. Institut gornogo dela im. A.A. Skochinskogo
(for Baron).
(Kola Peninsula—Blasting)

OSAULENKO, P.L., gorny inzh.; ROZINOYER, B.L., gorny inzh.; PERMYAKOV, R.S.,
gorny inzh.

Breaking of ore in deep holes without corresponding free space.
Gor. zhur. no.4:9-11 Ap '60. (MIRA 14:6)

1. Kombinat Apatit, Kirovsk, Murmanskoy obl.
(Mining engineering)

ROZINGVER, I. M.

SOV/5374

PHASE I BOOK EXPLOITATION

Akademiya nauk SSSR. Gidrokhimicheskiy institut
Gidrokhimicheskiye materialy, t. XX (Hydrochemical substances, v.30)
Moscow, Izd-vo AN SSSR, 1960. 213 p. Errata slip inserted.
2,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Gidrokhimicheskiy institut
(Novocherkassk).

Editorial Board (Title page): Resp. Ed. O. A. Alekin, M. V. Vsevolodskiy, Deputy Resp. Ed. V. G. Datsko, G. S. Kononov, M. I. Kriventsov, P. A. Kryukov, Resp. Secretary and K. G. Ed. Lazarev. Ed. of Publishing House: D. N. Trifonov. Tech. Ed. I. T. Dorokhina.

PURPOSE: This publication is intended for hydrologists, hydrochemists, and hydrometeorologists.

COVERAGE: This is a collection of 22 articles on the hydrochemistry of rivers and water bodies in the USSR. The authors discuss pollution, spectrographic methods of determining the content of microelements in water, and the content and discharge of ions, gases, as well as chemical, biogenic, and organic substances. A map showing the distribution of the ionic discharge of rivers in the USSR is the most complete to appear in print to date. No personalities are mentioned. Each article is accompanied by references.

Vasilevskiy, N. V., and L. A. Goncharov [Hydrochemical Institute AS USSR]. Regime of Dissolved Gases and Biogenic Substances as Sampled in One of the Ponds of the Rostovskaya Oblast. 43

Rozingver, I. M. [Kafedra khimii Voronezhskogo Zoovetinstituta - Department of Chemistry, Voronezh Zoological Veterinary Institute]. Data on the Hydrochemical Regime of Newly Flooded Reservoirs in the Voronezhskaya Oblast. 84

Datsko, V. G., and M. M. Guseynov [Hydrochemical Institute AS USSR]. On the Discharge of Biogenic Elements and Organic Matter by the Don River into the Sea of Azov After the Regulation of Its Flow. 96

Semenov, A. D., and V. G. Datsko [Hydrochemical Institute AS USSR]. On the Oxygen Regime and the Content of Organic Matter and Biogenic Elements in the Waters of the Sea of Azov After Regulation of the Flow of the Don River. 106

Datsko, V. G., and M. P. Maksimova [Hydrochemical Institute AS USSR]. On the Content of Dissolved Organic Matter in the Waters of the White Sea. 115

Pesochkov, Ye. V. [Kafedra gidrogeologii Novocherkasskogo politehnicheskogo instituta - Department of Hydrogeology, Novocherkassk Polytechnic Institute]. On Chlorine Waters of Low Mineralization. 122

Lashin, P. V. [Kafedra obshchey i neorganicheskoy khimii Chernovitskogo gosudarstvennogo meditsinskogo instituta - Department of General and Inorganic Chemistry, Chernovtsy State Medical Institute]. Sulfate Waters of Northern Bukovina. 126

Lavchenko, T. P. [Khimicheskaya laboratoriya Ukrainkov gidrogeologicheskoy ekspeditsii, L'viv - Chemical Laboratory of the Ukrainian Hydrogeological Expedition, L'viv]. Mineral Waters of the Resort Truskavets. 138

Getsau, V. Y. [Dagestanskii filial AN SSSR, Gekhimicheskaya laboratoriya, Makhachkala - Geochemical Laboratory of the Dagestan Branch of the AS USSR at Makhachkala]. Hydrogen Sulfide Spring and the Hydrogen Sulfide Waters of El'dam (Dagestan). 150

Card 5/8

ROZIN, I. I. = "The hydrochemical conditions and formation of the ionic state of the refilled reservoirs of Voronezh Oblast." Min Higher Education USSR. Novocherkassk Polytechnic Inst. Izv. Ser. Khim. Nauk. Voronezh, 1956. (Dissertations for the Degree of Candidate in Chemical Sciences).

See: Radiochem. Rev. no. 22, 1956

ROZINOYER, S.T., inzhener.

Practice of hydromechanization at the site of the Kuybyshev
Hydroelectric Power Station in winter 1955-1956 Mekh.stroi.14
no.3:6-8 Mr '57. (MLRA 10:4)

(Dredging machinery--Cold weather operation)
(Kuybyshev hydroelectric power station)

KROPACHEV, V.A.; DOLGOPOLOSK, B.A.; GELLER, N.M.; ROZINOYER, Ya.M.

Use of organoaluminum compounds as catalysts for the polymerization of 3,3'-bis(chloromethyl)oxacyclobutane and isobutylene.
Vysokom.soed. 1 no.12:1844-1847 D '59. (MIRA 13:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Aluminum organic compounds) (Oxetane)

ROZINSKAYA, I.I.; ZAKHARINA, R.A., inzh.

Dyeing capron knit goods with dispersed metallized dyes. Tekst.
prom. 22 no.8:58-60 Ag '62. (MIRA 15:8)

1. Zaveduyushchiy khimicheskoy laboratoriyeye Gmel'skoy trikotazhnoy
fabriki imeni 8 Marta (for Rozinskaya). 2. Laboratoriya Gmel'skoy
trikotazhnoy fabriki imeni 8 Marta (for Zakharina).
(Dyes and dyeing--Nylon)

ROZINSKAYA, I.I.

Suspension method for dyeing knitted fabrics. Tekst.prom.
20 no.2:48-50 F '60. (MIRA 13:6)

1. Nachal'nik khimicheskoy laboratorii Gomel'skoy chulochno-
trikotazhnoy fabriki imeni 8 Marta.
(Dyes and dyeing--Knit goods)

1ST AND 2ND CIPHERS										3RD AND 4TH CIPHERS									
PROCESSES AND PROPERTIES INDEX																			
<i>BC</i> <i>B-II-8</i> Synthesis of mononaphthyl-novolac. S. N. USCHAKOV and B. M. ROZINSKAYA (J. Appl. Chem. Russ., 1939, 12, 244-250). $\text{I-C}_{10}\text{H}_7\text{-CH}_2\text{Cl}$ and novolac resin in aq. or alcoholic NaOH (5-6 hr. at the b.p.) afford the α-naphthylmethyl ether in 70-90% yield. R. T.																			
ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION																			
SECTION DIVISION										SECTION DIVISION									
SECTION DIVISION										SECTION DIVISION									

The synthesis of (naphthylmethyl)novolac S. N. Chakravarty and R. M. Buttskaya. *J. Applied Chem.* (U.S.S.R.) 12, 211 (1960). The novolac prep'd by boiling for 4 hrs. 10 mols of phenol with 5 mols of formaldehyde in the presence of 0.1% HCl (by wt. of phenol), had mol. wt. (Rast) 390, hydroxyl no. 15.7% and softening point (Cremer-Sarnov) 57°. It was converted to the Na deriv. and condensed with α -C₁₀H₇CH₂Cl, prep'd by the Blanc method (U.S.A. 17, 1630) by the condensation of C₁₀H₇, HCHO and HCl (gas) in the presence of ZnCl₂. The (naphthylmethyl)novolac (yield 200% by wt. of novolac) was sol. in C₁₀H₈ and its homologs, alc. C₁₀H₈ and fused oil; softening point was 30.5° higher than that of novolac. In all expts. the degree of substitution of hydroxyl H varied from 71 to 92%. A. A. Podgorny conditions of reaction.

POZINSKAYA, S.

Pozinskaya, S. - "A case of successful treatment of skin tuberculosis", Sbornik
rabot Studench. nauch. o-va Khar'k. med. in-ta, No. 8, 1949, p. 123.

SO: U-4410, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

ROZINSKIY P. YU.

USSR/Medicine - Dementia Praecox
Medicine - Neuropsychiatry

Sep/Oct 48

"Dynamics of Catatonia Due to Prefrontal Leukotomy,"
L. R. Luriya, Yu. B. Rozinskiy, Cand Med Sci
Neuropsychiatric Clinic, Gen Inst of Psychiatry,
Min Pub Health RSFSR, 4 pp

"Nevropatol i Psikhiat" Vol XVII, No 5

Conclusions are based on observations of 34
schizophrenics with catatonic syndromes. Majority
of cases were young. Submitted 27 Jan 48.

FIB

23/49T80

MESHCHERSKIY, M.D., inzh.; ROZINSKIY, F.B., inzh.

Mechanizing the repairing of railroad cars. Mekh.i avtom.proisv.
16 no.8:17-18 Ag '62. (MIRA 15:9)
(Railroads--Cars--Maintenance and repair)

ROZINSKI, K.

Thermal Extinction of Fluorescence in a Solution of Biacene
Byull. Pol'skoy Akad. Nauk. Otd. III, Vol 1, No 1-2, 1953, pp 53-56

Investigated the effects of temperature on the intensity of fluorescence of a solution of biacene ($C_{24}H_{16}$) in silicone. Assumes that the nonradiational desactivation of the molecule approaches the internal conversion of the energy from electron excitation. The potential curves for the two stable configurations of the biacene molecule were examined and it was proposed that the potential curve corresponding to the excited state of the beta form crosses the potential curve of the basic alpha form at a point where ΔE is greater than the normal fluctuation level of the excited state of the beta form. After surmounting the potential barrier, ΔE leads to an extinction in fluorescence and the beta form converts to the alpha form. The energy source for this transition is the thermal movement of the molecules in solution. (RZhKhim, no 21, 1954)

SO: Sum. No. 639, 2 Sep 55

ROZINS'KIY, L.B. [Rozyns'kiy, L.B.]; BICHKOV'S'KIY, V.N. [Bychkovs'kiy, V.N.]
KHAZANOVA, D. Yu.

Intestinal pneumatosis in children. Ped., akush. i gin. 25
no.1:23-25 '63. (MIRA 16:5)

1. Kafedra dityachikh infektsiynikh khvorob (zav.-dotsent S.M. Gavalov (S.M. Havalov)), Krims'kogo medichnogo instituta (rektor dotsent S.I. Georgiyevs'kiy [S.I. Heorhiievs'kiy]) ta patologo-anatomichne viddilennya 4-i mis'koi likarni (golovniy likar Ya.I. Vidershayn).

(INTESTINES—DISEASES) (CHILDREN—DISEASES)

POLEVOY, T.N.; ROZINSKIY, M.A.

Reorganize plant protection in Moldavia. Zashch. rast. ot vred. i
bol. 3 no.3:4-5 My-Je '58. (MIRA 11:6)
(Moldavia--Plants, Protection of)

ROZINSKIY, S.

"Man and the city". From "Humanite" no. 2253, 9 July 1961.
Phil. stud. no. 10:32 0 '61. (HRA 14:10)
(France City planning)

AVERIN, Yuriy Viktorovich, doktor biol. nauk; LOZAN, Mina Nikolayevich;
ROZINSKIY, Shmil' Abramovich; KHARITONONA, A.A., red.;
PLENTSKOVSKIY, V.L., tekhn. red.

[Harmful rodents in Moldavia and measures for their control]
Vrednye gryzuny Moldavii i mery bor'by s nimi. Pod red. IU.V.
Averina. Kishinev, Izd-vo "Shtiintsa," 1962. 66 p.
(MIRA 15:10)

(Moldavia--Rodent control)

Rozinskiy, Sh. A.

USSR/General and Special Zoology. Insects. Injurious
Insects and Ticks. Pests of Cereal Crops

P

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49586

Author : Khakham I.B., Klyuyeva M.P., Rozinskiy Sh.A.
Inst : All-Union Institute of Plant Protection, Mol-
davian Station.

Title : The Destructive Agents and Diseases of Corn in
MSSR in 1955. (Preliminary Report).

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rast.,
1957, vyp. 2, 29-36

Abstract : The following destructive agents of corn are
found in Moldania: wireworms and pseudo-wireworms,
larvae of chafers (scarabaeidae), the Gryllotalpa
cricket, corn and sand beetles of the Tenebrion-
idae family, sprout flies (Chortophila florilega
Zett.), winter owlet moth (Euxoa segetum Schiff.),
gray and black beet weevils, the Swedish fly,
lethrus beetles, the striped grain flea, the leaf-

Card : 1/2

ROZINSKIY, V.A.; KOTOV, A.G.; PSHEZHETSKIY, S.Ya.

Effect of intermolecular compounds on the formation of radicals
during the γ -irradiation of some solid binary solutions. Zhur.
fiz. khim. 39 no.2:470-472 F '65. (MIRA 18:4)

1. Fiziko-khimicheskiy institut imeni Karpova.

ROZINSKIY, Yu.B., kand.med.nauk; SHERSHAKOV, V.P.

Memory. Zdorov'e 6 no.6:4-6 Ja '60.
(MEMORY)

(MIRA 13:7)

ROZINSKIY, Yu. B.

Cand. Medical Sci.

Mbr., Neuropsychiatric Clinic, Central Inst.

Psychiatry, Min. Public Health, RSFSR, -c1948-.

"The Dynamics of the Hallucination-Paranoid
Syndrome in Prefrontal Leukotomy," Nevropatol. i

Psikhiat., 17, No. 2, 1948;

"Dynamics of Catatonia Due to Prefrontal Leukotomy,"

ibid., No. 5, 1948

ROZINSKIY, Yu.B., kand.med.nauk; SHERSHAKOV, V.P.

Laziness. Zdorov'e 7 no. 5:20-21 My '61.
(LAZINESS)

(MIRA 14:4)

41548

S/833/62/000/000/003/004
D034/D114

15,2420

AUTHORS:

Rozintsveyg, S.M., Engineer, and Kudrina, S.A., Candidate of
Chemical Sciences

TITLE:

High-resistance ceramic materials for high-voltage insulators

SOURCE:

Voprosy razvitiya stekol'noy i farforo-fayansovoy promysh-
lennosti. Ed. by F.D. Ovcharenko. Kiyev, Izd-vo AN UkrSSR,
1962, 188-190

TEXT:

Recently, the insulator plants tested new high-resistance
ceramic materials for making high-voltage insulators. KM-1 (KM-1) material
was found having the best mechanical properties. The zavod "Proletariy"
("Proletariy" Plant) produced insulators made of KM-1, designed for 500-kv
air circuit breakers. The insulators were tested under 90 and 80 kg/cm²
experimental pressure. The Leningrad Branch of GIEKI produced a new "No-133"
material which replaces high-voltage porcelain and is able to resist high
mechanical loads. No-133 contains 18% alumina to replace former porcelain
shards and the quartz content. Industrial testings have shown that the

Card

Card 1/2

00513R0014457200

ROZIT, D. P.

USSR

On: "Basic Problems of the Second Five Year Plan in Central Asiatic Republics,"

Source: M: Srednyaya Aziya, Papers of First Conference on Location of Productive
Resources of USSR, Vol. VII Gosplan, Moscow, 1933

Abstracted in USAF "Treasure Island" Report No. 63617, on file in Library of
Congress, Air Information Division.

ROZIT, D. P.

"Basic Problems of the Second Five-Year Plan in Central Asiatic Republics."

Soviet Source: M: Srednyaya Aziya (Central Asia) papers of First Conference on Location of Productive.

Abstracted in USAF "Treasure Island", on file in Library of Congress, Air Information Division, Report No. 77874
Resources of USSR, Vol VII Moscow, 1933

L 52098-65 EFF(c)/EW(m)/T Pr-4 LJ

UR/0286/65/000/009/0049/0049

ACCESSION NR: AP5015267

AUTHORS: Stengrevits, O. Ya.; Balodia, V. N.; Iyevin'sh, Ya. K.; Vanag, Ya. P.; Plyavin'sh, A. A.; Zaks, L. B.; Zaltsmanis, G. R.; Rozits, G. I.; Slyshans, A. V.

TITLE: A rotary vacuum pump. Class 27, No. 170604

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 49

TOPIC TAGS: vacuum pump, pressure, suction, lubricant

ABSTRACT: This Author Certificate presents a rotary vacuum pump consisting of a cylindrical case with end covers, an eccentrically positioned rotor with plates, a suction nipple mounted on the cylindrical surface of the case, and pressure nipples (see Fig. 1. on the Enclosure). To distribute the lubricant uniformly along the length of the plates by changing the direction of motion of the gases being exhausted in the case, the pressure nipples are mounted in the end covers of the case. Orig. art. has: 1 figure.

ASSOCIATION: Glavnoye konstruktorskoye byuro severo-zapada pri zavode Rigasel'mash (Main Construction Bureau of the Northwest at the Rigel'mash Plant)

SUBMITTED: 22Feb64

ENCL: 01

SUB CODE: LE

NO REF SOV: 000

OTHER: 000

Cord 1/2

ROZITE, L

4

USSR
 (Chloromethylation of 1-chloronaphthalene. E. Gudri-
 nits, L. Kozlov, and H. Lepka. *Latvian PSR Zinatnu*
Atsardziba, 1954, No. 11 (Whole No. 88), 111-14 (in
 Russian).—1-Chloro-4-naphthylmethyl chloride (I), yel-
 low oil, b.p. 110° (dec. 100°), was prepd. by heating 1-chloro-
 naphthalene with paraformaldehyde in a mixt. of 80 g.
 glacial AcOH, 100 ml. concd. HCl, and 33 g. 85% H₃PO₄ at
 90° for 3 hrs. I burns the skin. N-[(1-Chloro-4-naphthyl)-
 methyl]pyridinium chloride, a very hygroscopic substance,
 was prepd. by treating I with C₅H₅N in abs. Et₂O at room
 temp. for 24 hrs. N-[(1-Chloro-4-naphthyl)methyl]piperi-
 dine (II) (plate, m. 140°) was prepd. similarly from I and
 piperidine. 1-Chloro-4-naphthylacetic acid (III), m. 169°,
 was prepd. from I by heating on H₂O bath with NaOH for
 15 hrs., adding water, and acidifying. III amide, m. 178-
 9°, insol. in H₂O, sol. in EtOH and AcOH, was prepd. by
 treating III with SOCl₂ and then with NH₃. III amide m.
 197°.

Andrew Dravnieks

NA SC

ZHARKOVA, L.P.; MOVSHOVICH, I.Ye.; FROLOVA, G.O.; RUDZITIS, T.Ya.;
GOLUETSOV, I.Ye., etc. red.; BUGACHEVA, G.V., red.;
ROMANOVA, S.P., tekhn. red.

[Rural K-40/80 crossbar automatic telephone exchanges]
Sel'skie koordinatnye ATC K-40/80; informatsionnyi sbornik.
Moskva, Sviaz'izdat, 1963. 109 p. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut gorodskoy i sel'skoy
telefonnoy svyazi Ministerstva svyazi SSSR (for Zharkova,
Movshovich, Frolova). 2. Gosudarstvennaya elektrotekhni-
cheskaya fabrika, Riga (for Rudzitis).
(Telephone)

ROZITSKI, V.

ROZITSKI, V. Water-power electric plants with asynchronous generators. Tr. from the English. p. 12. Vol. 7, no. 10, Oct. 1956. ELEKTROENERGIJA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

ROZKA, A.M. (Stalingrad).

Arranging active work for students in an industrial enterprise.
Politekh. obuch. no.6:47-51 Je '58. (MIRA 11:6)

1. Srednyaya shkola No.1.
(Field work (Educational method))

GORSKIN, Jevgenijs; CHERKOVSKIS, P.[translators]; DIMDINS, J.
[translators]; ROZKALNE, V.[translator]; LIELPETERIS, P.,
red.; PASTARE, D., tekhn. red.

[Problems in the specialization of livestock raising in the
Latvian S.S.R.] Latvijas PSR lopkopības specializācijas
problemas. Rīga, Latvijas Valsts izdevniecība, 1961. 106 p.
Translated from the Russian. (MIRA 15:3)
(Latvia—Stock and stockbreeding)

S/185/63/008/001/004/024
D234/D308

AUTHORS: Rozkhov, V. V. and Fomin, P. I.

TITLE: Renormalization group method in quantum electrodynamics

PERIODICAL: Ukrayins'kyy fizychnyy zhurnal, v. 8, no. 1, 1963, 26-29

TEXT: The authors refer to two papers of M. M. Bogolyubov and D. V. Shirkov where it was assumed without proof that the corresponding functions do not depend on the electron mass for large moments. This assumption is proved by the authors.

ASSOCIATION: Fizyko-tekhnichnyy instytut AN URSR (Physicotechnical Institute of the AS UkrSSR)

SUBMITTED: June 21, 1962

Card 1/1

MITROFANOV, V.; ZUYEV, I.; MASHKAUTSAN, S.; YARTSEV, G.; KAMKIN, L.; ZBARSKIY, S.; GLUSHCHENKO, M.; ROZKIN, G.

Shortcomings of the stage system of teaching. Prof.-tekh. obr. 21
no. 7:29-31 J1 '64. (MIRA 17:11)

1. Nachal'nik otдела podgotovki kadrov Yuzhno-Ural'skogo soveta narodnogo khozyaystva (for Mitrofanov) 2. Direktor tsentral'nogo uchebnogo kombinata Yuzhno-Ural'skogo soveta narodnogo khozyaystva (for Zuyev). 3. Nachal'nik otдела tekhnicheskogo obucheniya Chelyabinskogo traktornogo zavoda (for Yartsev). 4. Nachal'nik otдела tekhnicheskogo obucheniya Chelyabinskogo metallurgicheskogo zavoda (for Kamkin). 5. Direktor TSentral'nogo uchebnogo kombinata "Glavyuzhuralstroy" (for Zbarskiy). 6. Nachal'nik otдела tekhnicheskogo obucheniya Magnitogorskogo metallurgicheskogo kombinata (for Glushchenko).

ROZKIN, G.

Progressive school in a factory. Prof.-tekhn. obr. 18 no. 1:27 Ja
'61. (MIRA 14:2)

1. Nachal'nik otdela tekhnicheskogo obucheniya Chelyabinskogo zavoda
metallokonstruktsiy imeni Sergo Ordzhonikidze.
(Chelyabinsk—Evening and continuation schools)

IGNAT'YEV, Yu.I.; ROZKIN, M.Ya.; BASHKIR, E.V.

Rapid method for determining ashes in pentaerythritol. Zav. lab.
30 no.19:1207 '64. (MIRA 18:4)

ROZKINA, R. L., ABEZGAUZ, A. M.

Importance of prothrombin determination in the blood for evaluation of liver function in certain children's diseases. Vopr. pediat. 18:4, 1950. p. 34-9

1. Of the Department of Hospital Pediatrics (Head--Prof. A. F. Tur), Leningrad State Pediatric Medical Institute (Acting Director--Prof. Yu. A. Kotikov).

CLML 19, 5, Nov., 1950

ABEZGAUZ, A.M.; ROZKINA, R.L.

Determination of prothrombin time in liver function test in certain diseases in children. Vopr. pediat. 20 no. 5:28-33 Sept-Oct 1952.
(GIML 23:3)

1. Assistant for Abezgauz; Laboratory Physician for Rozkina. 2. Of the Department of Hospital Pediatrics (Head -- Honored Worker in Science, Prof. A. F. Tur, Corresponding Member AMS), Leningrad State Pediatric Medical Institute (Director -- Prof. N. T. Shutova).

DORON, A.P.; ROZKINA, R.L.

Protein composition in blood serum of children with pneumonia. Voprosy
Pediat. i Okhrany Materinstva i Detstva 21, No.1, 26-32 '53. (MLRA 6:4)
(CA 47 no.16:8228 '53)

1. Leningrad State Pediat. Med. Inst.

CZECHOSLOVAKIA

Rudolf ROZKOSNY, Zoology-Anthropology Chair of Faculty of Natural Sciences, University J.E. Purkyne (Zoologicko-antropologicka katedra PFUJEP [Prirodovedecke fakulty University J. Ev. Purkyne,] Brno.

"Distribution of Certain Insects (Sciomyzidae, Diptera) in Slovakia."

Bratislava, Biologia, Vol 18, No 5, 1963; pp 361-370.

Abstract [German summary modified]: Among 445 specimens of Sciomyzidae collected in Slovakia, 35 species were identified including 4 new ones bringing total known in country to 65. Detailed comparative taxonomic and ecological studies are reported. Two long tables, diagram; 19 Western, 6 Hungarian, 6 Czech and 2 Soviet references.

DUSEK, Jindra, inz. (Brno, Zemedelska 1); ROZKOSNY, Rudolf, dr. (Brno, Kctarska 2)

Revision of Central European species of the Stratiomyidae (Diptera) family with special regard to the Czechoslovak fauna. Pt.2. Cas entom 61 no.4:360-373 O '64.

1. Institute of Applied Entomology of the Higher School of Agriculture, Brno (For Dusek). 2. Chair of Systematic Zoology of the Faculty of Natural Sciences of the Purkyne University, Brno (for Rozkosny). Submitted November 3, 1963.

ROZINSKIY, Yu.B., kandidat meditsinskikh nauk

Hypnosis and suggestion. Zdorov'e 2 no.12:1-3 D '56. (MLRA 9:12)
(HYPNOTISM) (MENTAL SUGGESTION)

Rozkos, Miroslav.

Category : CZECHOSLOVAKIA/Nuclear Physics - Instruments and Installations C-2
Methods of Measurement and Investigation.

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 5837

Author : Rozkos, Miroslav; Petrzilka, Václav

Title : Dependence of the Blackening of a Photographic Emulsion of
the Energy of Radiation.

Orig Pub : Chekosl. fiz. zh., 1956, 6, No 3, 237-245

Abstract : See Referat Zhur Fizika, 1956, 33895.

Card : 1/1

A 2000 10044V

Distr: 4E3d

✓ Reaction (γ, p) on Indium¹⁹ Miroslav Rozkoš, *Czechoslovak. J. Phys.* 7, 20-5(1957)(in Russian)(English abstract).
 —The energy and angular distributions of photoprotons from In irradiated by the quanta (γ, E_γ) = 17.6 and 14.8 m.e.v. were measured. Comparison with theoretical distribution indicates that most protons are produced by evapn. and only about 3% by a direct photoeffect. The excitation energies E_d^* of Cd^{114} were detd. from the energy distribution and were as follows: 3.8, 4.9, 5.8, 6.7, and 7.8 m.e.v. V.H.G.

PM RML

3
1 RML
1

~~MIROSLAV~~, ROZKOS, MIROSLAV

Czechoslovakia/ Physical Chemistry - Photochemistry. Radiation chemistry.
Theory of the photographic process

B-10

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11318

Author : Rozkos Miroslav, Petrzilka Vaclav.

Title : Correlation between Blackening of Photographic Emulsion and Energy
of Beta-Radiation

Orig Pub : Zavislost cernani fotograficke emulze na energii zareni β .
Ceskosl. casop. fys., 1956, 6, No 3, 287-295 (Czech);
Chekosl. fiz. zh., 1956, 6, No 3, 237-245 (English summary)

Abstract : No abstract

ROZKOS, M.

Reaction (γ , p) to cobalt.

p. 499 (CESKOSLOVENSKY CASOPIS PRO FYSIKU) Vol. 7, no. 5, 1957,
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

ROZKOS, M.

CZECHOSLOVAKIA/Nuclear Physics - Nuclear Reactions

C-5

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 17556

Author : Rozkos Miroslav
 Inst : Karlov University, Prague, Czechoslovakia
 Title : The (, p) Reaction on Cobalt

Orig Pub : Ceskosl. casop. fys., 1957, 7, No 5, 499-504

Abstract : The author has measured the energy and angle distributions of photoprotons obtained by irradiating cobalt with gamma quanta from the Li (p, γ) reaction ($E\gamma = 17.5$ and 14.8 Mev). The energy distribution is evidence that all protons are originated by evaporation and not by direct nuclear photoeffect. Nevertheless the angle distribution is not quite isotropic and does not satisfy a single of the known relations. Also measured was the energy of the reaction of formation of Fe^{58} , which equals 0.74 ± 0.16 Mev, and the energies of its excited states: 6.75, 6.44, 5.90, 5.47, 4.98, 4.35, 3.50, and 3.20 Mev.

Card : 1/1

ROZKOS, M.

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The (γ, p) reaction on cadmium and tin. M. Rozkos, M. Smrčka, and O. Jakubček (Karlůva Univ., Prague). *Czechoslov. J. Phys.* 10, No. 2, 125-35, 1960 (in Russian).
The nuclear photoeffect is studied on Sn and Cd; in contrast to most of the expts. with this effect up to now, discrete γ -rays were used. The exptl. arrangement of a previous paper (CA 53, 18870e) was used. Results of interest include the discreteness of the energy spectrum and the unconventional form of the angular distribution. With Sn, the top proton shell of which is completely occupied, the shape of the energy spectrum corresponds to the Wilkinson theory (CA 52, 9804d) of giant resonance; with Cd, the energy spectrum is similar to the evapn. spectrum. The angular distributions of the photoprotons of both elements do not satisfy the commonly used relations corresponding to existing theories of the nuclear photoeffect. They can, however, be described quite well by empirical equations which contain assoc. Legendre polynomials; the results have features of both a direct and a collective process. A satisfactory explanation of the results would require a new theory including both types of processes. A. Krehmeller

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MSC(50)

ROZKOS, M.; STERBA, F.; STERBOVA, J.

A study of the $\text{Co}^{59}(\text{p}, \text{n})$ reaction at $E_p = 5.75\text{--}6.39$ MeV.
Chekhosl fiz zhurnal 15 no.3:151-157 '65.

1. Faculty of Technical and Nuclear Physics of the Czech
Higher School of Technology, Prague 1, Brehova 7. Submitted
April 6, 1964.